IN THE CLAIMS:

Please cancel Claims 39 and 50, without prejudice, please add new Claims 77 and 78, and please amend Claims 73 and 75, as provided in the following Listing of Claims:

Listing of Claims:

Claims 1-30. (Canceled)

Claim 31. (Previously Presented) An apparatus, comprising:

a first processing device, wherein the first processing device at least one of generates and transmits a first signal for at least one of activating, de-activating, disabling, re-enabling, and controlling an operation of, at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, wherein the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, is located at or is associated with a premises, wherein the

first processing device is located at a location remote from the premises,

wherein the first processing device is responsive to a second signal, wherein the second signal is at least one of generated by and transmitted from a second processing device, wherein the second processing device is located at a location which is remote from the first processing device and remote from the premises, wherein the second signal is transmitted from the second processing device to the first processing device via, on, or over, at least one of the Internet and the World Wide Web, and further wherein the second signal is automatically received by the first processing device,

wherein the first signal is transmitted from the first processing device to a third processing device, wherein the third processing device is located at the premises, and further wherein the first signal is automatically received by the third processing device,

wherein the first processing device or the third processing device determines whether an action or an operation associated with information contained in the first signal, to at least one of activate, de-activate, disable, re-enable, and

control an operation of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, is an authorized or an allowed action or an authorized or an allowed operation, and further wherein, if the action or the operation is determined to be an authorized or an allowed action or an authorized or an allowed operation, the third processing device at least one of generates and transmits a third signal for at least one of activating, de-activating, disabling, re-enabling, and controlling an operation of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, in response to the first signal.

Claim 32. (Canceled)

Claim 33. (Previously Presented) The apparatus of Claim 31, further comprising:

a monitoring device for at least one of reading and monitoring at least one of a status and a condition of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, or for at least one of reading

and monitoring at least one of a status and a condition of at least one of a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, and a fuel cell by-product output level.

Claim 34. (Previously Presented) The apparatus of Claim 31, further comprising:

at least one of a device and a component for detecting at least one of a wear and a state of disrepair of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, wherein the at least one of a device and a component generates a fourth signal containing information regarding the at least one of a wear and a state of disrepair, and further wherein the at least one of a device and a component transmits the fourth signal to the third processing device, wherein the third processing device generates a fifth signal and transmits the fifth signal to the first processing device, wherein the first processing device generates a sixth signal and transmits the sixth signal to the second processing device, wherein the sixth signal contains information regarding the at least one of a wear and a state of disrepair.

Claims 35-41. (Canceled)

Claim 42. (Previously Presented) An apparatus, comprising:

a first processing device, wherein the first processing device at least one of generates and transmits a first signal for at least one of activating, de-activating, disabling, re-enabling, and controlling an operation of, at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, wherein the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, is located at or is associated with a vehicle, wherein the first processing device is located at a location remote from the vehicle,

wherein the first processing device is responsive to a second signal, wherein the second signal is at least one of generated by and transmitted from a second processing device, wherein the second processing device is located at a location which is remote from the first processing device and remote from the vehicle, wherein the second signal is transmitted from

the second processing device to the first processing device via, on, or over, at least one of the Internet and the World Wide Web, and further wherein the second signal is automatically received by the first processing device,

wherein the first signal is transmitted from the first processing device to a third processing device, wherein the third processing device is located at the vehicle, and further wherein the first signal is automatically received by the third processing device,

wherein the first processing device or the third processing device determines whether an action or an operation associated with information contained in the first signal, to at least one of activate, de-activate, disable, re-enable, and control an operation of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, is an authorized or an allowed action or an authorized or an allowed operation, and further wherein, if the action or the operation is determined to be an authorized or an allowed action or an authorized or an allowed operation, the third processing device at least one of generates and transmits a third signal for at least one of activating, de-activating,

disabling, re-enabling, and controlling an operation of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, in response to the first signal.

Claim 43. (Canceled)

Claim 44. (Previously Presented) The apparatus of Claim 42, further comprising:

a monitoring device for at least one of reading and monitoring at least one of a status and a condition of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, or for at least one of reading and monitoring at least one of a status and a condition of at least one of a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, and a fuel cell by-product output level.

Claim 45. (Previously Presented) The apparatus of Claim 42, further comprising:

at least one of a device and a component for detecting at least one of a wear and a state of disrepair of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, wherein the at least one of a device and a component generates a fourth signal containing information regarding the at least one of a wear and a state of disrepair, and further wherein the at least one of a device and a component transmits the fourth signal to the third processing device, wherein the third processing device generates a fifth signal and transmits the fifth signal to the first processing device, and further wherein the first processing device, generates a sixth signal and transmits the sixth signal to the second processing device, wherein the sixth signal contains information regarding the at least one of a wear and a state of disrepair.

Claims 46-50. (Canceled)

Claim 51. (Previously Presented) The apparatus of Claim 31, wherein the third processing device at least one of monitors and detects at least one of a failure, a wear, a malfunction, and a state of disrepair, of, in, or regarding, the at least one of a fuel cell, a fuel cell temperature

measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, wherein the third processing device transmits a message to the first processing device, and further wherein the message contains information regarding the at least one of a failure, a wear, a malfunction, and a state of disrepair, in, of, or regarding, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 52. (Previously Presented) The apparatus of Claim 51, wherein the first processing device transmits a second message to the second processing device via, on, or over, at least one of the Internet and the World Wide Web, wherein the second message contains information regarding the at least one of a failure, a wear, a malfunction, and a state of disrepair, in, of, or regarding, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 53. (Previously Presented) The apparatus of Claim 31, wherein the second processing device or the first processing device transmits a repair signal to the third processing device, and further wherein the third processing

device repairs or re-programs the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 54. (Previously Presented) The apparatus of Claim 31, wherein at least one of the first processing device, the second processing device, and the third processing device, processes information for at least one of controlling an operation of, monitoring an operation of, and determining an operating status of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 55. (Previously Presented) The apparatus of Claim 31, wherein at least one of the apparatus, the first processing device, the second processing device, and the third processing device, processes or provides diagnostic information regarding the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 56. (Previously Presented) The apparatus of Claim 31, wherein the apparatus performs a systematic check of a

status or a state of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, and further wherein information regarding the status or the state of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, is transmitted to the first processing device or to the second processing device.

Claim 57. (Previously Presented) The apparatus of Claim 42, wherein the third processing device at least one of monitors and detects at least one of a failure, a wear, a malfunction, and a state of disrepair, of, in, or regarding, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, wherein the third processing device transmits a message to the first processing device, and further wherein the message contains information regarding the at least one of a failure, a wear, a malfunction, and a state of disrepair, in, of, or regarding, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 58. (Previously Presented) The apparatus of Claim 57, wherein the first processing device transmits a second message to the second processing device via, on, or over, at least one of the Internet and the World Wide Web, wherein the second message contains information regarding the at least one of a failure, a wear, a malfunction, and a state of disrepair, in, of, or regarding, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 59. (Previously Presented) The apparatus of Claim 42, wherein the second processing device or the first processing device transmits a repair signal to the third processing device, and further wherein the third processing device repairs or re-programs the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, or at least one of the first processing device, the second processing device, and the third processing device, processes information for at least one of controlling an operation of, monitoring an operation of, and determining an operating status of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 60. (Canceled)

Claim 61. (Previously Presented) The apparatus of Claim 42, wherein at least one of the apparatus, the first processing device, the second processing device, and the third processing device, processes or provides diagnostic information regarding the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 62. (Previously Presented) The apparatus of Claim 42, wherein the apparatus performs a systematic check of a status or a state of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, and further wherein information regarding the status or the state of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, is transmitted to the first processing device or to the second processing device.

Claims 63-64. (Canceled)

Claim 65. (Previously Presented) An apparatus, comprising:

a first processing device, wherein the first processing device at least one of generates and transmits a first signal for at least one of activating, de-activating, disabling, re-enabling, and controlling an operation of, at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, wherein the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, is located at or is associated with a device or a piece of equipment, wherein the first processing device is located at a location remote from the device or the piece of equipment,

wherein the first processing device is responsive to a second signal, wherein the second signal is at least one of generated by and transmitted from a second processing device, wherein the second processing device is located at a location which is remote from the first processing device and remote from the device or the piece of equipment, wherein the second signal is transmitted from the second processing device to the first processing device via, on, or over, at least one of the

Internet and the World Wide Web, and further wherein the second signal is automatically received by the first processing device,

wherein the first signal is transmitted from the first processing device to a third processing device, wherein the third processing device is located at the device or the piece of equipment, and further wherein the first signal is automatically received by the third processing device,

wherein the first processing device or the third processing device determines whether an action or an operation associated with information contained in the first signal, to at least one of activate, de-activate, disable, re-enable, and control an operation of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, is an authorized or an allowed action or an authorized or an allowed operation, and further wherein, if the action or the operation is determined to be an authorized or an allowed action or an authorized or an allowed operation, the third processing device at least one of generates and transmits a third signal for at least one of activating, de-activating, disabling, re-enabling, and controlling an operation of, the at

least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, in response to the first signal.

Claim 66. (Previously Presented) The apparatus of Claim 65, further comprising:

a monitoring device for at least one of reading and monitoring at least one of a status and a condition of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, or for at least one of reading and monitoring at least one of a status and a condition of at least one of a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, and a fuel cell by-product output level.

Claim 67. (Previously Presented) The apparatus of Claim 65, further comprising:

at least one of a device and a component for detecting at least one of a wear and a state of disrepair of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output

measuring device, wherein the at least one of a device and a component generates a fourth signal containing information regarding the at least one of a wear and a state of disrepair, and further wherein the at least one of a device and a component transmits the fourth signal to the third processing device, wherein the third processing device generates a fifth signal and transmits the fifth signal to the first processing device, wherein the first processing device generates a sixth signal and transmits the sixth signal to the second processing device, wherein the sixth signal contains information regarding the at least one of a wear and a state of disrepair.

Claim 68. (Previously Presented) A computer-implemented method, comprising:

at least one of generating and transmitting, with a first processing device, a first signal for at least one of activating, de-activating, disabling, re-enabling, and controlling an operation of, at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, wherein the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, is located at

or is associated with a device or a piece of equipment, wherein the first processing device is located at a location remote from the device or the piece of equipment, wherein the at least one of generating and transmitting of the first signal is in response to a second signal at least one of generated by and transmitted from a second processing device, wherein the second processing device is located at a location which is remote from the first processing device and remote from the device or the piece of equipment, wherein the second signal is transmitted from the second processing device to the first processing device via, on, or over, at least one of the Internet and the World Wide Web, and further wherein the second signal is automatically received by the first processing device;

transmitting, from the first processing device, the first signal to a third processing device, wherein the third processing device is located at the device or the piece of equipment;

receiving the first signal with the third processing device, wherein the first signal is automatically received by the third processing device;

determining, with the first processing device or with the third processing device, whether an action or an operation associated with information contained in the first signal, to at least one of activate, de-activate, disable, re-enable, and control an operation of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, is an authorized or an allowed action or an authorized or an allowed operation; and

at least one of generating and transmitting, with the third processing device, a third signal for at least one of activating, de-activating, disabling, re-enabling, and controlling an operation of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, in response to the first signal, if the action or the operation is determined to be an authorized or an allowed action or an authorized or an allowed operation.

Claim 69. (Previously Presented) The computer-implemented method of Claim 68, further comprising:

at least one of reading and monitoring, with a monitoring device, at least one of a status and a condition of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, or at least one of reading and monitoring, with a monitoring device, at least one of a status and a condition of at least one of a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, and a fuel cell by-product output level.

Claim 70. (Previously Presented) The computer-implemented method of Claim 68, further comprising:

detecting, with at least one of a detecting device and a detecting component, at least one of a wear and a state of disrepair of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device;

generating, with the at least one of a detecting device and a detecting component, a fourth signal containing information regarding the at least one of a wear and a state of disrepair;

transmitting, from the at least one of a detecting device and a detecting component, the fourth signal to the third processing device;

generating, with the third processing device, a fifth signal;

transmitting, from the third processing device, the fifth signal to the first processing device;

generating, with the first processing device, a sixth signal, wherein the sixth signal contains information regarding the at least one of a wear and a state of disrepair; and

transmitting, from the first processing device, the sixth signal to the second processing device.

Claim 71. (Canceled)

Claim 72. (Previously Presented) The apparatus of Claim 65, wherein the second processing device or the first processing device transmits a repair signal to the third processing device, and further wherein the third processing device repairs or re-programs the at least one of a fuel cell,

a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 73. (Currently Amended) The apparatus of Claim 65, wherein at least one of the first processing device, the second processing device, and the third processing device, processes information for at least one of controlling an operation of, monitoring an operation of, or determining an operating status of~~, processing or providing diagnostic information regarding, or performing a systematic check of a status or a state of,~~ the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 74. (Previously Presented) The computer-implemented method of Claim 68, further comprising:

transmitting, from the second processing device or from the first processing device, a repair signal to the third processing device; and

repairing or re-programming, with the third processing device, the at least one of a fuel cell, a fuel cell

temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 75. (Currently Amended) The computer-implemented method of Claim 68, further comprising:

processing information, with the first processing device, the second processing device, or the third processing device, for at least one of controlling an operation of, monitoring an operation of, or determining an operating status ~~of, processing or providing diagnostic information regarding, or performing a systematic check of a status or a state of,~~ the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 76. (Previously Presented) The computer-implemented method of Claim 68, wherein the second processing device is a cellular telephone, a wireless telephone, or a personal digital assistant.

Claim 77. (New) The apparatus of Claim 65, wherein at least one of the first processing device, the second processing device, and the third processing device, processes information

for providing diagnostic information regarding, or for performing a systematic check of a status or a state of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 78. (New) The computer-implemented method of Claim 68, further comprising:

processing information for providing diagnostic information regarding, or for performing a systematic check of a status or a state of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.